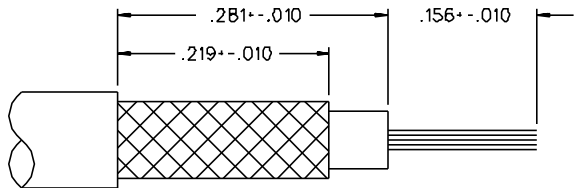
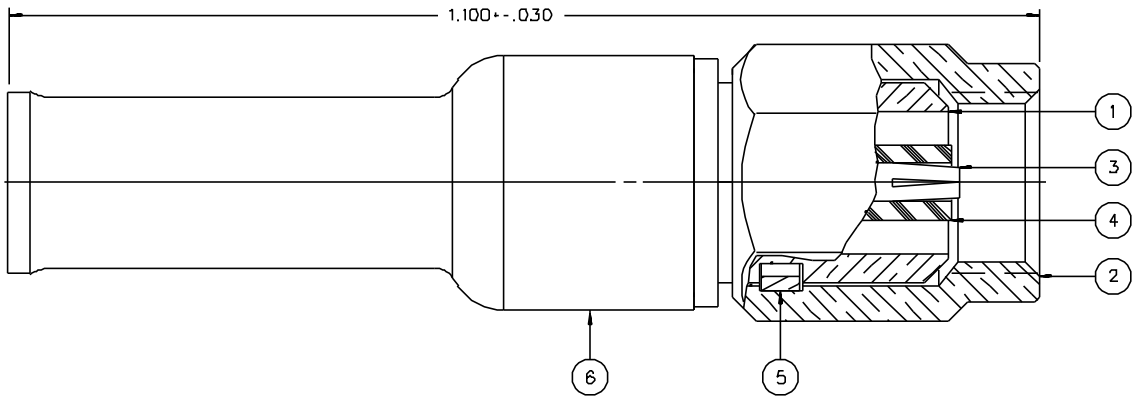


PART NUMBER	ITEM ① BODY	ITEM ② NUT	ITEM ③ CONTACT	ITEM ④ INSULATOR	ITEM ⑤ SPRING	ITEM ⑥ CRIMP SLEEVE
131-64D4-001	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BRASS GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED	COPPER GOLD PL .00001 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN
131-64D4-006	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BRASS NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN	BERYLLIUM COPPER GOLD PL .00003 MIN OVER NICKEL PL .00005 MIN OVER COPPER PL .00005 MIN	TEFLON	BERYLLIUM COPPER UNPLATED	COPPER NICKEL PL .0001 MIN OVER COPPER PL .00005 MIN



CABLE STRIP DIMENSIONS

NOTES:

1. SPECIFICATIONS:

IMPEDANCE: 50 OHMS
 FREQUENCY RANGE: 0-10 GHZ
 VSWR: 1.20 ± .04 F (F IN GHZ)
 WORKING VOLTAGE: 335 VRMS MAX AT SEA LEVEL
 DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN AT SEA LEVEL
 INSULATION RESISTANCE: 1000 MEGOHM MIN
 CONTACT RESISTANCE:
 CENTER CONTACT - INITIAL 6 MILLIOHM MAX, AFTER ENVIRONMENTAL 8 MILLIOHM MAX
 OUTER CONDUCTOR - GOLD PLATED INITIAL 1 MILLIOHM MAX, AFTER ENVIRONMENTAL - NOT APPLICABLE
 NICKEL PLATED INITIAL 2.5 MILLIOHM MAX, AFTER ENVIRONMENTAL - NOT APPLICABLE
 BRAID TO BODY - INITIAL 1 MILLIOHM MAX(GOLD PLATED), INITIAL 2.5 MILLIOHM MAX (NICKEL PLATED), AFTER ENVIRONMENTAL NOT APPLICABLE
 CORONA LEVEL: 250 VOLTS MIN AT 70,000 FEET
 INSERTION LOSS: .25 DB MAX AT 4 GHZ
 RF LEAKAGE: -60 DB MIN AT 2.5 GHZ
 RF HIGH POTENTIAL WITHSTANDING VOLTAGE: 700 VRMS AT 4 MHZ AND 7 MHZ

MECHANICAL:

ENGAGE/DISENGAGE TORQUE: 16 OUNCE-INCH MAX TORQUE
 MATING TORQUE: 35-50 OUNCE INCH
 COUPLING PROOF TORQUE: 100 OUNCE-INCH MIN
 COUPLING NUT RETENTION: 35 LBS MIN
 CONTACT RETENTION: 4 LBS MIN AXIAL FORCE
 CABLE ACCEPTABILITY: RG316/U DOUBLE SHIELDED
 RG188/U DOUBLE SHIELDED
 CABLE HEX CRIMP SIZE: .151
 CABLE RETENTION: 20 LBS MIN OR CABLE BREAKING STRENGTH
 DURABILITY: 500 CYCLES MIN

ENVIRONMENTAL:

(MEETS OR EXCEEDS THE APPLICABLE PARAGRAPH OF MIL-C-39012)
 THERMAL SHOCK: MIL-STD-202, METHOD 107, CONDITION B
 OPERATING TEMPERATURE: -65 DEG C TO 165 DEG C
 CORROSION: MIL-STD-202, METHOD 101, CONDITION B
 SHOCK: MIL-STD-202, METHOD 213, CONDITION C
 VIBRATION: ML-STD-202, METHOD 204, CONDITION D

DRAWING NO.				
C - 131-6404-001/010				
0	REVISIONS			
ENGINEERING RELEASE				
1	7-22-92	R	Y	7-28-92
		H	B	ECO 41136
VERSION UPDATE				
* REVISION NUMBER FOLLOWED BY AN ALPHA *				
* CHARACTER INDICATES DRAWING CLAR. *				
* CATION OR PART NUMBER ADDITION ONLY. *				
1a	12-14-94	R	Y	ECN 42969
		H	B	

CUSTOMER DRAWING

THIS DRAWING TO BE INTERPRETED
 PER ANSI Y 14.5M - 1982

"μSTATION"

COMPANY CONFIDENTIAL

TOLERANCE UNLESS OTHERWISE SPECIFIED		DRAWN BY VET	DATE 5-15-92	299 Johnson Ave. P.O. Box 1732 Waseca, MN 56093-0832
DECIMALS	mm	CHECKED BY	DATE	
.XX				TITLE PLUG ASSEMBLY, STRAIGHT CABLED SMC, RG 316 DOUBLE SHIELDED
.XXX		APPROVED BY VET	DATE 7-27-92	
MATL		APPROVED BY RJB	DATE 7-27-92	CODE NO. C - 131-64D4-001/010
FINISH		RELEASE DATE		
SCALE 10:1				U/M INCH SHEET 2 OF 2